

# NEBRASKA

## WEATHER & CROPS



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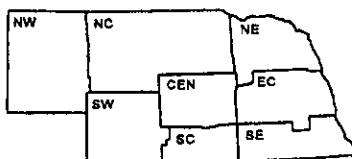
For Week Ending June 14, 1998

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National Agricultural Statistics Service  
U.S. Department of Agriculture  
and U.S. Department of Commerce  
National Oceanic and Atmospheric Admin  
National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l Statistics  
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### WEATHER

The week was wet and cool. Temperatures averaged four to seven degrees below normals across the State. Precipitation was widespread across the State with amounts averaging from about three-fourths of an inch to around four and a half inches with locally heavy amounts of over seven inches.

### GENERAL

Cool conditions continued for the second week with heavy precipitation recorded in many northern and eastern areas, according to the Nebraska Agricultural Statistics Service. Significant hail damage occurred to crops in Banner County last week as well as some eastern areas. Heavy rain caused soil erosion and standing water in southeastern fields. However, crops in lower southwestern and south central counties needed additional moisture for adequate crop development. Freeze-damaged crops in the west were being watched for recovery, with some replanting reported. Producer activities included cultivating, haying, moving farm grain to market and working cattle.

### CROPS

Winter wheat condition rated 3% very poor, 12% poor, 28% fair, 50% good and 7% excellent. Wheat headed advanced to 97%, ahead of 93% last year, and 92% average. Statewide, 14% of the acreage was turning color, compared with 5% last year and 18% average. The crop was most advanced in south central and southeastern areas.

Corn condition rated 1% very poor, 3% poor, 17% fair, 62% good, and 17% excellent. Producers in western counties were

### CROPS (Cont.)

looking for warm conditions to aid crop recovery from the early June freeze. Fields in the east showed signs of yellowing due to the cool, wet conditions.

Soybeans emerged rated 94% compared with 91% last year and 71% average. Soybean condition rated 2% poor, 15% fair, 69% good, and 14% excellent.

Sorghum planting was near completion with 99% of the crop in the ground. This compared with 98% last year and 85% average. The crop was 89% emerged compared to 86% last year and 64% average. Sorghum condition rated 1% poor, 27% fair, 66% good, and 6% excellent.

Dry bean planting progressed to 69% complete, compared to 72% last year and 69% average. The crop was 25% emerged, same as last year but behind 36% average.

Oats condition rated 3% poor, 16% fair, 49% good, and 32% excellent. Acreage headed was 32%, compared with 19% last year.

Alfalfa condition rated 2% very poor, 6% poor, 25% fair, 57% good and 10% excellent. The first cutting was 57% complete, same as average, but ahead of 48% last year. Wet conditions hampered hay growers from baling hay for the second week in a row. Reports from some counties indicated quality was expected to be poor. Wild hay condition rated 3% poor, 21% fair, 55% good, and 21% excellent.

### LIVESTOCK, PASTURE & RANGE

Pasture and range condition improved and rated 5% poor, 19% fair, 62% good, and 14% excellent. Feedlots were muddy in many counties. Overall, cattle were reported in good condition.

CROP PROGRESS AS OF JUNE 14, 1998	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Wheat Headed	93	97	96	97	100	100	100	100	97	89	93	92
% Wheat Turning	0	1	0	2	5	19	43	58	14	n/a	5	18
% Sorghum Planted	n/a	98	97	99	99	94	100	99	99	97	98	85
% Sorghum Emerged	n/a	91	90	96	91	79	94	87	89	77	86	64
% Soybeans Emerged	n/a	90	87	95	97	97	98	96	94	82	91	71
% Oats Headed	18	40	25	15	59	59	49	43	32	14	19	n/a
% Dry Beans Planted	68	98	85	100	n/a	63	n/a	n/a	69	60	72	69
% Dry Beans Emerged	17	96	75	60	n/a	37	n/a	n/a	25	12	25	36
% Alfalfa First Cutting	24	60	52	61	59	68	88	88	57	47	48	57
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JUNE 12, 1998												
Days suitable	2.6	2.4	0.9	1.5	0.4	3.7	3.7	2.6	2.2	4.3	5.4	
Topsoil moisture - Very Short	0	0	0	0	0	15	13	0	3	3	2	
(Percent) - Short	15	0	0	0	0	19	17	4	6	17	22	
- Adequate	78	66	40	95	44	54	34	62	59	76	73	
- Surplus	7	34	60	5	56	12	36	34	32	4	3	
Subsoil moisture - Very Short	0	0	0	0	0	9	0	0	1	2	0	
(Percent) - Short	10	12	1	2	2	29	14	8	10	15	15	
- Adequate	90	87	67	94	63	62	66	92	78	81	83	
- Surplus	0	1	32	4	35	0	20	0	11	2	2	

n/a = not available

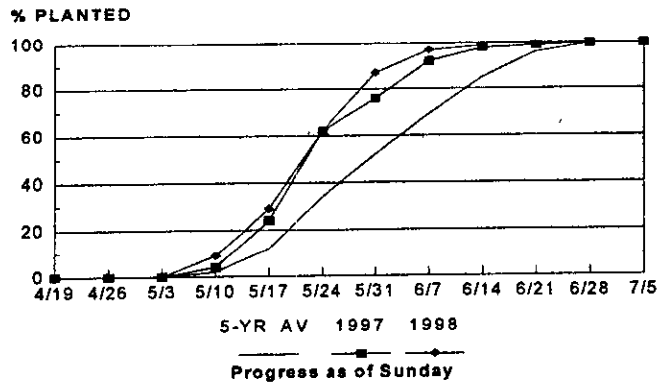
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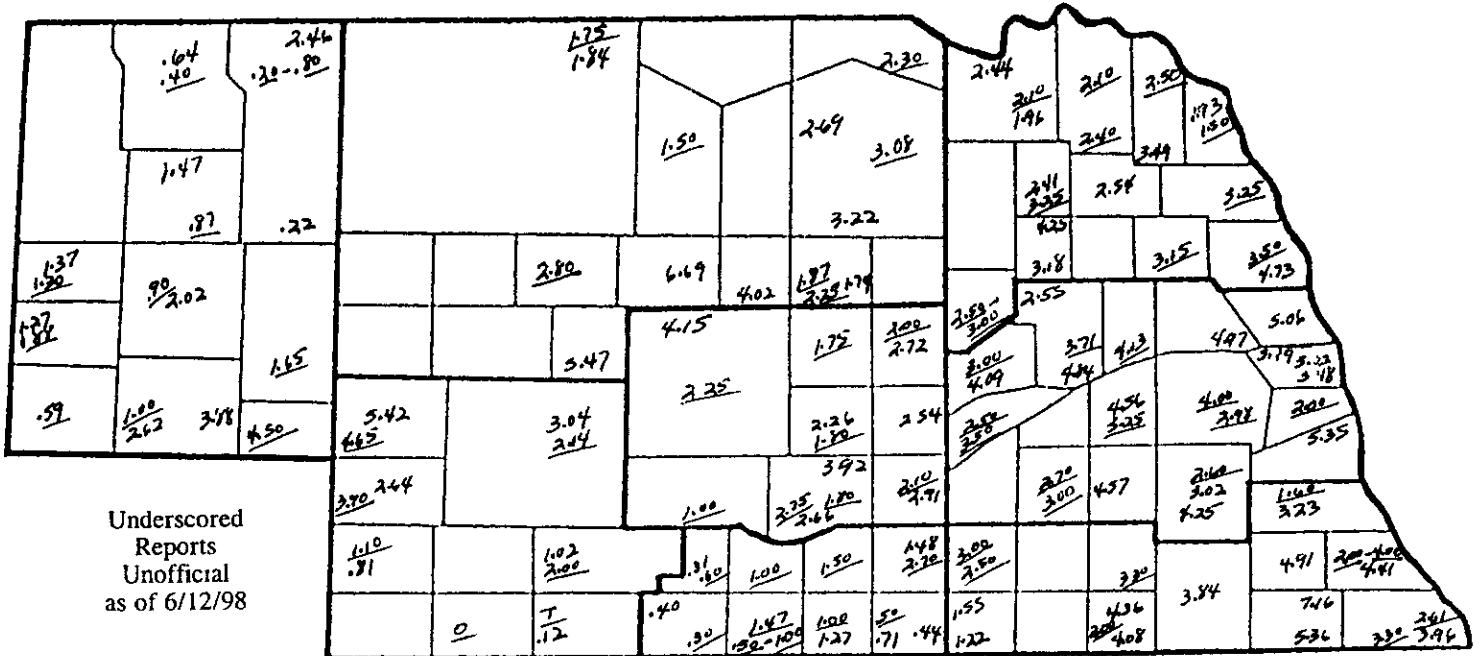
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R. J. ...

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# SORGHUM PLANTED



## PRECIPITATION MAP FOR WEEK ENDING SATURDAY, JUNE 13, 1998



### PRECIPITATION, APRIL 1 - JUNE 13, 1998

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	1.77	3.67	2.76	3.02	4.44	1.98	.77	4.01
Total since April 1	5.73	9.54	10.78	9.55	13.35	6.39	5.96	8.41
Normal since April 1	6.10	6.99	8.10	7.80	8.80	6.64	7.65	8.64
Total as % of normal	94%	94%	133%	122%	152%	96%	78%	97%

### TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SATURDAY, JUNE 13, 1998

WEEK ENDING SATURDAY, JUNE 13, 1998									
Station		Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches	Last Week	Current	Normal
		Max	Min						
NW	Chadron	85	45	61	---	64	---	---	---
	Scottsbluff	80	40	60	-5	1.37	83	617	580
	Sidney	79	42	60	---	2.62	77	555	592
NC	Valentine	80	47	61	-5	1.84	---	---	---
	Arthur	---	---	---	---	---	84	590	643
	O'Neill	---	---	---	---	---	87	639	694
NE	Norfolk	81	44	63	-6	4.25	---	---	---
	Sioux City	81	43	62	-7	1.93	---	---	---
	Concord	---	---	---	---	---	86	702	720
CEN	Elgin	---	---	---	---	---	89	671	716
	West Point	---	---	---	---	---	93	742	769
	Grand Island	83	48	65	-5	2.91	106	737	729
	Ord	81	50	64	---	---	88	694	721
	Kearney	---	---	---	---	---	109	745	725
EC	Lincoln	83	50	66	-5	3.02	112	815	805
	Omaha	81	50	65	-5	5.22	---	---	---
	Central City	---	---	---	---	---	102	746	737
SW	Mead	---	---	---	---	---	106	812	798
	Imperial	83	45	65	---	.81	---	---	---
	North Platte	86	41	62	-4	3.04	100	691	665
SC	Curtis	---	---	---	---	---	103	719	680
	Holdrege	---	---	---	---	---	110	750	722
	Red Cloud	---	---	---	---	---	128	865	734
SE	Beatrice	---	---	---	---	---	108	786	805
	Clay Center	---	---	---	---	---	110	765	735

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.